

Title (en)

MODULAR CONFIGURATION FOR COORDINATE MEASURING MACHINE PROBE

Title (de)

MODULARE KONFIGURATION FÜR EINE KOORDINATENMESSMASCHINENSONDE

Title (fr)

CONFIGURATION MODULAIRE POUR SONDE DE MACHINE DE MESURE DE COORDONNÉES

Publication

EP 4202355 A1 20230628 (EN)

Application

EP 22213152 A 20221213

Priority

US 202117559554 A 20211222

Abstract (en)

A modular configuration for a scanning probe for a coordinate measuring machine include a stylus suspension module, a stylus position detection module, and a signal processing and control circuitry module. The stylus position detection module is configured to be assembled separately from the stylus suspension module before mounting to the stylus suspension module. The signal processing and control circuitry module is configured to be assembled separately from the stylus position detection module and the stylus suspension module before rigidly coupling to the stylus position detection module as part of assembling the scanning probe.

IPC 8 full level

G01B 5/012 (2006.01); **G01B 7/012** (2006.01); **G01D 5/20** (2006.01)

CPC (source: CN EP US)

G01B 5/012 (2013.01 - EP); **G01B 5/016** (2013.01 - US); **G01B 7/001** (2013.01 - CN); **G01B 7/008** (2013.01 - CN); **G01B 7/012** (2013.01 - EP); **G01B 7/016** (2013.01 - US); **G01B 11/007** (2013.01 - US); **G01D 5/2053** (2013.01 - EP)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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